

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method for producing an electrode for an electric double layer capacitor, comprising:

a step of mixing a particulate elastomer with a carbonaceous material to obtain a powdery mixture, the powdery mixture comprising at least the particulate elastomer and the carbonaceous material as solids;

wherein the particulate elastomer is selected from the group consisting of polybutadiene modified with a carboxyl group, polyisoprene modified with the carboxyl group and styrene/butadiene copolymer modified with the carboxyl group,

the carbonaceous material comprises activated carbon as an active material, and

at the time of mixing the particulate elastomer and the carbonaceous material with each other in a powdery form, there is a concentration of solids content of the powdery mixture of 50% or more by weight, based on a total weight of the powdery mixture, the particulate elastomer is evenly adsorbed on the carbonaceous material thereby the carbonaceous material and the particulate elastomer are kept in a powder form and the particle diameter of the resultant powdery mixture is from 0.1 to 1000 μ m,

and

a step of dry-forming said powdery mixture to form an electrode layer,

wherein the powdery mixture comprises 2 to 10 parts by weight of the particulate elastomer per 100 parts by weight of a combination of the particulate elastomer and the carbonaceous material, and

at the time of dry-forming the powdery mixture, there is a concentration of solids content of the powdery mixture of 50% or more by weight, based on a total weight of the powdery mixture.

2. (Previously presented) The method according to claim 1, wherein the particulate elastomer is an elastomer having a crosslinked structure.

3. (Cancelled)
4. (Previously presented) The method according to claim 1, wherein the carbonaceous material further comprises an additive that increases electroconductivity.
5. (Previously presented) The method according to claim 4, which further comprises a step of causing the electroconductivity additive to adhere onto a surface of said active material by mechanochemical treatment.
6. (Previously presented) The method according to claim 1, wherein the powdery mixture is a mixture obtained by fluidized bed granulation or fluidized bed multifunction mode granulation.
7. (Canceled)
8. (Previously presented) The method according to claim 1, wherein the dry-forming is press-molding.
9. (Previously presented) The method according to claim 8, wherein the press-molding is performed inside a mold wherein a current collector is set.
10. (Canceled)
11. (Previously presented) An electrode for an electric double layer capacitor, which is obtained by the method as claimed in claim 1.
12. (Previously presented) An electric double layer capacitor, comprising the electrode as claimed in claim 11.
13. (Canceled)

14. **(New)** The method according to claim 1, wherein the particulate elastomer is sprayed in the step of mixing the particulate elastomer and the carbonaceous material with each other in a powdery form.